



# E-3202

## Operator's Manual



**Corporate Headquarters**  
4501 Parkway Commerce Blvd.  
Orlando, Fl 32808  
Phone: 407-578-8007  
Fax: 407-578-8377

**Asia-Pacific**  
19 Loyang Way  
#01-01 CILC Building  
Singapore 508724  
Phone: +65 542-2611  
Fax: +65 542-3611

**Datamax International**  
Herbert House  
12 Elizabeth Way, Pinnacles  
Harlow, Essex CM19 5FE UK  
Phone: +44 1279 772200  
Fax: +44 1279 424448



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Note: This manual covers E-3202 printers with version 1.2.7 firmware and greater.
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**Part Number: 88-2255-01**

**Revision: C**

## Agency Compliance and Approvals:



This device complies with FCC CFR 47 Part 15 Class B and ICES-003-B.



The manufacturer declares under sole responsibility that this product conforms to the following standards or other normative documents:

EMC: EN 55022 (1993) Class B  
EN 55024-1 (1998)



**UL1950** Information Technology Equipment



As an Energy Star Partner, the manufacturer has determined that this product meets the Energy Star guidelines for energy efficiency.

## **Important Safety Instructions:**

This printer has been carefully designed to give you many years of safe, reliable performance. As with all electrical equipment, there are a few basic precautions you should take to avoid hurting yourself or damaging the printer:

- Carefully read the installation and operating instructions provided with your printer.
- Read and follow all warning instruction labels on the printer.
- Place the printer on a flat, firm, solid surface.
- To protect your printer from overheating, make sure all openings on the printer are not blocked.
- Do not place the printer on or near a heat source.
- Do not use your printer near water, or spill liquid into it.
- Be certain that your power source matches the rating listed on your printer. If you are unsure, check with your dealer or with your local power company.
- Do not place the power cord where it will be walked on. If the power cord becomes damaged or frayed replace it immediately.
- Do not insert anything into the ventilation slots or openings on the printer.
- Only qualified, trained service technicians should attempt to repair your printer.



# Contents

## Printer Overview

1.0 Introduction .....	1
1.1 About this Printer .....	2

## Getting Started

2.0 Before using the Printer .....	3
2.1 Inspecting the Printer .....	3
2.2 Media Requirements.....	4

## Setting up the Printer

3.0 Introduction .....	5
3.1 Connecting the Printer .....	5
3.2 Loading Media .....	6
3.3 Media Configuration.....	7

## Printer Operation

4.0 Printer Operation.....	9
4.1 Buttons and Indicators .....	9
4.2 Emulation Choices.....	13
4.3 Common Configurations .....	14
4.4 Connecting to an ESC POS Terminal .....	17
4.5 Connecting to a PC.....	18
4.6 Changing the Default Settings .....	19
4.7 Download.....	24

# Maintenance and Troubleshooting

5.0	Introduction .....	25
5.1	Cleaning.....	25
5.2	Trouble Shooting.....	26
5.3	Transportation and Storage .....	29

# Specifications

6.0	Printing.....	31
6.1	Media .....	32
6.2	User Interface .....	32
6.3	Communications .....	32
6.4	Electrical Characteristics.....	33
6.5	Mechanical .....	33
6.6	Operation .....	33
6.7	List of Accessories .....	34
6.8	Options .....	34

# Appendix A

Character Sets And Barcodes .....	A-1
-----------------------------------	-----

# Appendix B

Printer cable Pin assignment .....	B-1
------------------------------------	-----

# Appendix C

Opening Methods and Warnings .....	C-1
------------------------------------	-----

# Appendix D

Warranty Statement.....	D-1
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# Printer Overview

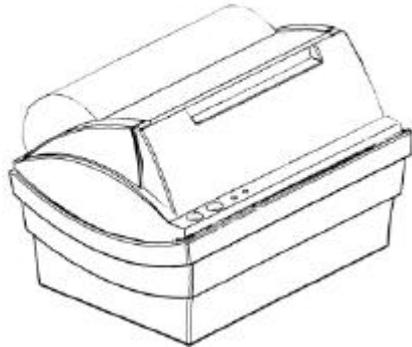
## 1.0 Introduction

---

The E3202 hereafter referred to as ‘the printer’, is a high quality/low cost direct thermal label and receipt printer. The printer’s design and small footprint makes it a perfect choice for office applications such as point of sale receipts, office labels, warehousing labels, and all barcode applications.

This manual provides all the information necessary to operate the printer. To print labels or tags simply refer to the instructions included with the software you have chosen to create the labels.

If you wish to write a custom program, visit our website at <http://www.datamaxcorp.com> for a copy of the *Programmer’s Manual*.



# 1.1 About this Printer

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This printer offers the following standard features:

## Standard Features

### Printing

- Direct Thermal Printing
- 203 DPI, 8 dots/mm

### Memory

- SRAM 256 KB
- Flash 512 KB

### Interfaces

- This printer is equipped with a RS-232 serial interface via a RJ12 socket.

### Operational

- 2 multifunction buttons
- 2 status LEDs



# Getting Started

## 2.0 Before using the Printer

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Inspect the shipping container(s) for damage, if damage is evident notify the shipping company to report the nature and extent of the damage.

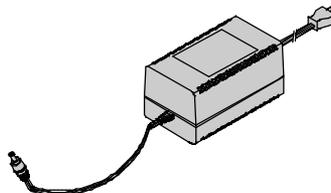
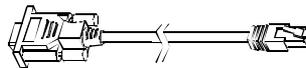
The printer is carefully packaged to avoid any damage during transit. In order to operate the printer you will need to remove the packaging materials, (i.e., tape and foam) that were placed in the printer for shipment.

## 2.1 Inspecting the Printer

---

After removing the printer from the packaging material, check the contents of the package. In addition to this manual the following items should be included:

- E3202 printer with a paper roll inside
- AC power adapter
- Communications cable for connection to a host
- Quick Start Guide and registration form
- Accessories CD



## 2.2 Media Requirements

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Contact your customer support representative for advice on which media and software is best suited for your needs.



# Setting up the Printer

## 3.0 Introduction

---

This chapter explains how to connect your printer and load media.

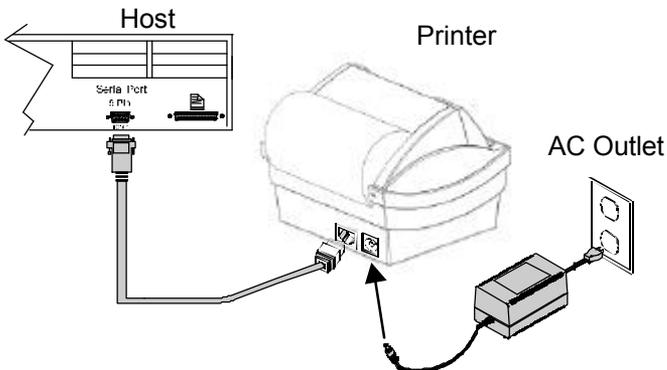
## 3.1 Connecting the Printer

---

Connect the communication cable's RJ12 connector to the printer and the other end to the host. Connect the one end of the power supply to the back of the printer and the other end to a properly grounded outlet. Once the power supply has been connected the printer will automatically power up.

**Warning:** DO NOT connect this printer to any type of telephone line or telephone equipment. See Appendix C for more information.

**Note:** Contact your dealer for special cables to connect your Palm OS handheld device to the E-3202, (see Section 6).

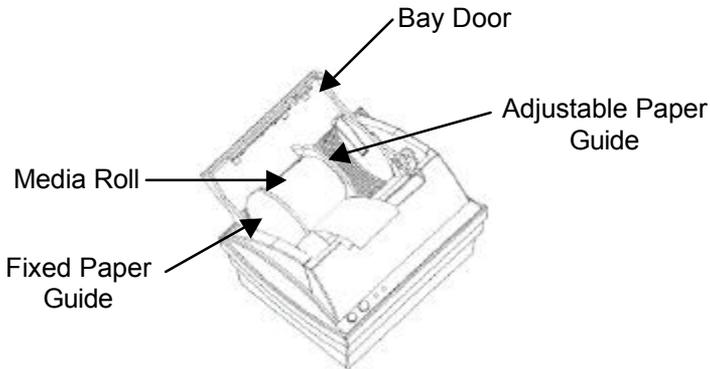
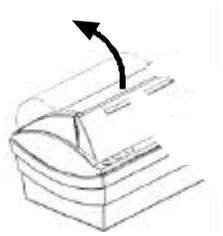


## 3.2 Loading Media

---

This section explains the loading instructions for loading the printer with media.

1. Open the Bay Door by pressing upward with your thumb as shown. See Appendix C for more information.
2. Place the Media Roll into the printer, the edge of the media should be against the Fixed Paper Guide. The roll should unravel as shown and have the 'Sense Marks' to the left.
3. Move the Adjustable Paper Guide from the far-left side of the media bay to a slot that accommodates your media. See Appendix C of this manual for more information of the position of the Paper Guides.



4. Pull a few inches of media out of the printer and close the Bay Door.

## 3.3 Media Configuration

---

The printer is equipped with a paper and label edge detector. The printer's standard configuration is 'Paper' media. If you wish to use label media in your printer you will have to change the default settings:

**Note:** See section 4.1 for button and indicator functions.

1. Make sure that a roll of paper is loaded (not label). Turn the printer off by holding down the left button until both lights are off.
2. Simultaneously press both buttons for at least two seconds. The printer's configuration is printed.
3. Answer Yes to modify the default setting
4. Answer No until you reach the Media section (press No 4 four times). Press Yes when Media is printed to enter that section.
5. Press No if 'Paper' is printed to change to 'Labels'. When 'Labels' is printed press Yes.
6. Press No to skip the next section
7. Press Yes to save your modification. Your printer is now On Line and ready for label media to be loaded.

**Warning:** If your printer is configured for labels and if you have loaded paper, the label edge sensor will not detect the end of a label and will feed the paper endlessly. **Unplug your printer to stop it.** To correct this problem repeat the steps above and set the printer to 'Paper'.





# *Printer Operation*

## **4.0 Printer Operation**

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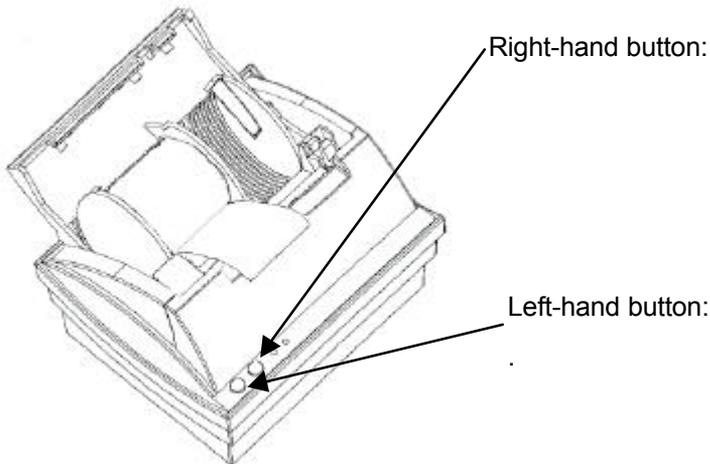
This section will explain in detail the functions of the printer's buttons and indicators, operating modes, and settings.

## **4.1 Buttons and Indicators**

---

### **4.1.1 Buttons**

The printer is equipped with two push buttons. These multi-function buttons are sensitive to the length of time the button is held down. The printer recognizes a 'long push' when the button is held down for more than one second. A 'short push' is when the button is pushed down for less than one second.



## Left Button Functions:

- With the printer OFF, a short push will turn the printer ON.
- With the printer ON, a short push will toggle the printer from « ON LINE » to « OFF LINE » mode.
- With the printer OFF, a long push will turn the printer ON and put the printer into dump mode.
- With the printer ON, a long push will reset the printer and return the previous mode.

## Right Button Functions:

- With the printer « OFF LINE » and paper roll selected, a short push will feed a blank line.
- With the printer « OFF LINE » and paper roll selected, a long push will feed a full page.
- With the printer « OFF LINE » and label roll selected, any push will feed a blank label.
- Resets the printer to the previous mode before it was automatically switched to the idle mode.
- With the printer « OFF LINE » hold the button down until the Autotest page prints, (about 2 seconds).

**Note:** A simultaneous push on both buttons when the printer is OFF brings up the configuration menu that will be printed on the paper roll.

## 4.1.2 Operating Mode and Indicator Status

Red Indicator	Green Indicator	Operating Mode	Comments
OFF	OFF	Printer OFF	
OFF	Flashing	Printer ON, idle mode	Indicator flashing every 2 seconds
ON	ON	Printer ON , « ON LINE »	
ON	OFF	Printer ON, « OFF LINE »	
ON	Blinking	Printer ON Setting Mode	Indicator Blinking
Blinking	OFF	Printer ON, no paper	Indicator Blinking
Blinking	OFF	Printer ON, head up	Indicator Blinking
ON	Blinking	Printer ON, head too hot	Indicator Blinking
Blinking	Blinking	Download	Flash Memory Update
ON	ON	Printer in dump mode	Dump mode written on first line
ON	ON	Printer in Autotest mode	Autotest written on first line

### 4.1.3 Control Panel Reference Table

Light Indicators & Status			Possible Actions, Settings			
Red	Green	Printer Status	Pressing Left Button	Pressing Right Button	Other	Effect
OFF	OFF	OFF	Brief			ON LINE
			Long			Dump Mode
			Brief 1st	Then Long		Autotest mode
			Long 1st Do not release	And Long		Setting mode
OFF	Blinking	Idle mode	Brief or long			Previous mode
				Brief or long		Previous mode
ON	ON	ON LINE	Brief			Printer OFF LINE
			Long			Printer OFF
ON	OFF	OFF LINE	Brief			Printer ON LINE
				Brief	Paper mode	Skip blank line
				Long	Paper mode	Skip blank page
				Brief	Label mode	Skip label
ON	Blinking	Setting mode	Brief			Action =« YES »
				Brief		Action =« NO »
			Long			Printer OFF
Blinking	OFF	No paper		Brief	Paper	Skip blank line
Blinking	OFF	Head up			Head down	Printer ON LINE
ON	ON	Dump mode	Long			Printer OFF
ON	ON	Autotest mode				The printer switches to online automatically

## Control Panel Reference Table Continued...

Light Indicators & Status			Possible Actions, Settings			
Red	Green	Printer Status	Pressing Left Button	Pressing Right Button	Other	Effect
ON	Blinking	Temporary off line			Head cool	The printer will automatically switch to on line when the head is at a good temperature
Blinking	Blinking	Download mode			Download	The printer switches to ON automatically when the download is complete

### 4.1.4 Modes

#### *Dump mode*

The printer is in dump mode when a long push on the left button has been made while the printer was OFF (indicators off)

This mode will allow the user to verify the data received by the printer . While in dump mode, the printer will write the received data in hexadecimal. Dump is written on the first line printed.

#### *Autotest mode*

The printer performs an Autotest and prints a test page in order to check the printing module. Autotest is written on the first line printed. To perform this test; turn the printer off (both lights off). Then press and release the left button followed immediately by pressing and holding down the right button until the Autotest page begins to print.

## 4.2 Emulation Choices

---

The table below outlines emulation choices for the E-3202 printer with version 1.27 firmware and greater.

<b>Emulation Name</b>	<b>Uses</b>
ESC/POS®	<b>ESC/POS® is the native language of the E-3202</b> <ul style="list-style-type: none"><li>• Custom programs designed to control the E-3202</li><li>• POS system software that uses Epson POS printers (or at least Epson ESC/POS® printer language).</li><li>• Datamax/Seagull Windows driver.</li><li>• LabelToday DMX-E-3202 printer driver (this driver <b>ONLY</b> works inside of LabelToday).</li></ul>
Epson 24 pin	<b>Windows “page” mode</b> <ul style="list-style-type: none"><li>• The generic Epson compatible 24-pin printer driver which ships with Windows95, (This driver will work with Codesoft from Teklynx).</li><li>• TrueType fonts and graphics, (Factory Default).</li></ul>
Custom 1	<b>Not Used</b>
Reserved 1	<b>Windows “line” mode</b> <ul style="list-style-type: none"><li>• Used for Windows application labels longer than 29cm (11.4”).</li></ul>

## 4.3 Common Configurations

What do you want to do with the E-3202? There are several options. Find the description that best matches your project and follow the setup directions.

If you want to....	Do this...
<p>Print labels using the <b>LabelToday software and DMX-E-3202 printer driver</b> that is included in this box.</p> <p><b>(WARNING!</b> The LabelToday DMX-E-3202 driver does NOT work with other Windows software).</p> <p>Print paper or labels using the Datamax/Seagull official E-3202 windows driver</p>	<ol style="list-style-type: none"><li>1. Setup the E-3202 printer and apply AC power.</li><li>2. Connect the data cable between the E-3202 and your PC.</li><li>3. Configure the E-3202 for use with the LabelToday driver.</li><li>4. Install the LabelToday software with the E-3202 driver (the ESC/POS® setting).</li><li>5. Put a roll of labels into the E-3202.</li><li>6. Start LabelToday, select the DMX-E-3202 as the current printer, define your label size and setup the contents of your label.</li><li>7. Print your label.</li></ol>
<p>Print labels using the <b>generic Epson compatible 24-pin Windows printer driver</b> that is included with Windows95.</p>	<ol style="list-style-type: none"><li>1. Setup the E-3202 printer and apply AC power. Connect the data cable between the E-3202 and your PC.</li><li>2. Configure the E-3202 for use with the Epson compatible 24-pin driver.</li><li>3. If you have not already, install the Epson compatible 24-pin printer driver on your PC and name it “E-3202” for ease of reference.</li><li>4. Put a roll of labels into the E-3202.</li><li>5. Start the application software that you are using on your PC and make the “E-3202” the current printer driver.</li><li>6. Define your label size and setup the contents of your label.</li><li>7. Print your label.</li></ol>
<p>Print receipts, coupons, tickets, or other forms using continuous thermal paper with application software written for the <b>Epson ESC/POS® language</b>.</p>	<ol style="list-style-type: none"><li>1. Setup the E-3202 printer and apply AC power.</li><li>2. Connect the data cable between the E-3202 and your PC.</li><li>3. Configure the E-3202 for use with the ESC/POS® language.</li><li>4. Put a roll of continuous thermal paper into the E-3202.</li></ol>

	5. Print from your application software.
--	--

If you want to configure your E-3202 for this...	Do this...
<p>The Datamax/Seagull driver, LabelToday, and ESC/POS® applications all require that you set the printer to ESC/POS® emulation.</p> <p><b><u>WARNING!</u></b> The LabelToday DMX-E-3202 driver does NOT work with other Windows software.</p>	<ol style="list-style-type: none"> <li>1. Make sure that a roll of continuous thermal paper is installed in your E-3202.</li> <li>2. With your E-3202 powered up and both lights on, press the left-hand button (ON-LINE/YES), and hold it down until both lights go off. The E-3202 is now off.</li> <li>3. Hold both buttons (ON-LINE/YES and LF/FF/NO) down until both lights come back on and the printer starts to print out the PRESENT SETTINGS.</li> <li>4. When the printing stops, respond to the printed message “To keep settings unchanged push the ‘NO’ key. To enter the set-up menu push the ‘YES’ key” by pressing the left-hand button (ON-LINE/YES).</li> <li>5. The SET-UP MENU instructions are then printed. “To change settings: use the ‘NO’ key to move from chapter to another. Use the ‘YES’ key to enter a chapter. Within a chapter use the ‘NO’ key to move from one parameter to another. Use the ‘YES’ key to validate your parameter.”</li> <li>6. Move through the communication settings making sure to set the parameters so that they match those of your PC’s communication port.</li> <li>7. When you enter the Emulation chapter be sure to set it to ESC/POS®.</li> <li>8. In the Character Set chapter the default is code page 850, 12 x 24, USA. You can change it if needed.</li> <li>9. In the Page chapter the default is six line per inch (6 lpi). You can change it if needed.</li> <li>10. In the Media chapter you can change it to Labels. The default is continuous Paper.</li> <li>11. In the Other chapter you can turn on or off the Auto Line Feed and Auto Carriage Return if needed. You can also increase or decrease the contrast of the thermal print to make it darker or lighter.</li> <li>12. When finished, all of your changes will be printed. If you want to save them, press the left-hand (ON-LINE/YES) button. If you do not want to save your changes, press the right-hand (LF/FF/NO) button.</li> </ol>

The generic Epson compatible 24-pin Windows printer driver.

1. Make sure that a roll of continuous thermal paper is installed in your E-3202.
2. With your E-3202 powered up and both lights on, press the left-hand button (ON-LINE/YES), and hold it down until both lights go off. The E-3202 is now off.
3. Hold both buttons (ON-LINE/YES and LF/FF/NO) down until both lights come back on and the printer starts to print out the PRESENT SETTINGS.
4. When the printing stops, respond to the printed message "To keep settings unchanged push the 'NO' key. To enter the set-up menu push the 'YES' key" by pressing the left-hand button (ON-LINE/YES).
5. The SET-UP MENU instructions are then printed. "To change settings: use the 'NO' key to move from chapter to another. Use the 'YES' key to enter a chapter. Within a chapter use the 'NO' key to move from one parameter to another. Use the 'YES' key to validate your parameter."
6. Move through the communication settings making sure to set the parameters so that they match those of your PC's communication port.
7. When you enter the Emulation chapter be sure to set it to **Epson 24 pin**.
8. In the Character Set chapter the default is code page 850, 12 x 24, USA. You can change it if needed.
9. In the Page chapter the default is six line per inch (6 lpi). You can change it if needed.
10. In the Media chapter you can change it to Labels. The default is continuous Paper.
11. In the Other chapter you can turn on or off the Auto Line Feed and Auto Carriage Return if needed. You can also increase or decrease the contrast of the thermal print to make it darker or lighter.
12. When finished, all of your changes will be printed. If you want to save them, press the left-hand (ON-LINE/YES) button. If you do not want to save your changes, press the right-hand (LF/FF/NO) button.

## 4.4 Connecting to an ESC POS Terminal

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The default configuration of your printer is Windows/Epson 24 pin. You will have to change the emulation type to ESC POS to work with your ESC POS Terminal. Check your Terminal communication parameters and change the printer settings to match your terminal settings.

### Default Communication parameters

Speed:	57600 baud
Data:	8 bits
Parity:	None
Control:	Hardware

To check the current emulation and communication parameters of your printer:

1. Make sure that a roll of paper is loaded, (not label media).
2. Set the printer to the Off line mode.
3. Press both buttons simultaneously until the configuration is printed.

If the configuration is not correct see section 4.4 Changing the Default Settings.

## 4.5 Connecting to a PC

---

The default configuration of your printer is Epson 24-pin emulation. In order to use your printer with a PC you will need to check the setting of your printer and install the printer driver on your PC. Follow the steps below to configure your printer for use with a PC.

### PC parameters

Your printer will use the Epson compatible 24-pin driver. If this printer is already installed on your PC (see 'Printers' in your computers 'Control Panel'), check that the serial port is selected and configure it as indicated below.

If the Epson compatible 24 pin is not installed,

1. Double-click the 'Printers' icon in the 'Control Panel'
2. Double-click on 'Add a Printer'.
3. Install the 'Epson Compatible 24 pin' printer.
4. Choose the serial port and set the port to the following parameters:

Speed:	57600 baud
Data:	8 bits
Parity:	None
Stop bit:	1
Control:	Hardware

### Printer parameters

1. Make sure that a roll of paper is loaded, (not label media). Set the printer to the Off line mode.
2. Simultaneously press both buttons for at least two seconds. The configuration is printed.
3. Answer Yes to modify the default setting.
4. You are now in the Communication Chapter. Check your PC port communication setting and match the printer communication settings to your PC (baud rate, Data, Parity, control, The stop bit is always 1 for the printer, it is not modifiable).

5. If the communication settings are correct press No. If they are not correct press Yes and modify them by pressing Yes to accept the setting and No to change it.
6. When the desired communication settings are chosen press Yes to enter the emulation menu.
7. You are now in the emulation menu. Press Yes to print the current setting.
8. Press No to change to Epson-24 pin. (If Epson-24 pin is already printed press Yes). Press Yes to enter the next section.
9. If no more changes are required press No until the end, and then press Yes to save your changes.
10. Your printer is now configured to work with your PC. You can use your favorite text editor to create your printouts.

## 4.6 Changing the Default Settings

---

Your printer is shipped with the following standard configuration:

Communication Parameters		Emulation		Character Sets	
Speed:	57600 baud	Epson-24 pin		Code page:	850
Data:	8 bits			Width:	12x24
Parity:	None			Country:	USA
Control:	Hardware				

Page		Media		Other	
Line spacing:	6 lpi	Media:	Paper	Auto LF:	Off
				Auto CR:	Off
				Contrast (20%):	+00%
				Contrast (5%):	+00%

## Printing The List Of Parameters

While the printer is turned OFF, switch to the Setting Mode by pushing simultaneously both buttons for at least two seconds. The printer prints the following settings (Standard configuration):

Datamax E-3202  
Version: AA xx.xx  
PRESENT SETTINGS

### Communication parameters

Speed: 57600 baud  
Data: 8 bits  
Parity: None  
Control: Hardware

- To keep these settings unchanged push the 'NO' key.
- To enter the set-up menu push the 'YES' key.

### Set-up menu

To change settings:

- Use the 'No' key to move from a chapter (section) to another.
- Use the 'YES' key to enter a chapter (section).

Within a chapter (section):

- Use the 'No' key to move from a parameter to another.
- Use the 'Yes' key to validate your parameter.

## COMMUNICATION PARAMETERS

*Data transmission choice of the serial port with the terminal.*

1200	baud
2400	baud
4800	baud
9600	baud
19200	baud
38400	baud
57600	baud
115000	baud

To skip push NO. When the selected choice is displayed push YES.

*Format of the serial bus*

8 bits  
7 bits

To skip push NO. When the desired setting is displayed push YES.

*Parity*

None  
Even  
Odd

To skip push NO. When the desired setting is displayed push YES.

*Flow control of the data transmission*

Hardware  
DTR low  
Xon/Xoff mode

To skip push NO. When the desired setting is displayed push YES.

## EMULATION

Epson-24 pin  
Custom 1  
Reserved 1  
ESC/POS®

To skip push NO. When the desired setting is displayed push YES.

## CHARACTER SETS

850 (International)  
852 (Latin 2)  
857 (Turkish)  
860 (Portuguese)  
861 (Island)  
863 (French)  
858 (International with the 'Euro' symbol)  
437 (English, USA)

To skip push NO. When the selected choice is displayed push YES.

### *Width*

9x24  
12x24  
16x24

To skip push NO. When the selected choice is displayed push YES.

### *Country*

USA  
France  
Germany  
United kingdom  
Denmark 1  
Sweden  
Italy  
Spain 1  
Japan  
Norway  
Denmark 2  
Spain 2  
Latin America

To skip push NO. When the selected choice is displayed push YES.

## **PAGE**

### *Line spacing*

6 lpi

8 lpi

To skip push NO. When the selected choice is displayed push YES.

## **MEDIA**

### *Media*

Paper

Labels

To skip push NO. When the selected choice is displayed push YES.

## **OTHER**

### *Automatic line skip after enter*

Yes

No

To skip push NO. When the selected choice is displayed push YES.

### *Automatic enter after line skip*

Yes

No

To skip push NO. When the selected choice is displayed push YES.

### *Contrast by 20%*

The printer will ask you to increase or decrease the contrast. The contrast can be increased or decreased by steps of 20 %. The limit is 100. (+20%, +40%, +60%, +80% , -80%,-60%, -40%, -20%)

To skip push NO. When the selected choice is displayed push YES.

### *Contrast by 5%*

The printer keeps the contrast selected in the preceding menu in memory and offers you the choice to modify it by steps of 5 % : example if you have chosen +40 in the precedent menu, the choice will be +55% +50% +45% +40% -35% - 30% -25%

To skip push NO. When the selected choice is displayed push YES.

Once the desired parameters have been selected:

- Push 'YES' to save the changes and exit from the setting menu.
- Push 'NO' to exit without saving.

All new parameter settings will be saved until a new change has been made. The new settings will be retained even if the printer is turned OFF.

## **4.7 Download**

---

Your printer is equipped with a flash memory. The software loaded in the flash memory can be updated by a downloading procedure. While downloading your printer indicators will alternatively blink and at the end of the operation the printer will automatically switch to OFF. As you may change your software using the downloading procedure, each time you switch your printer on, the software will be verified. If the software is not operational for any reason, your printer will turn to download mode (indicators alternatively blinking) waiting for new software.

Software flash download is only available through Datamax Technical Support at (407) 523-5550. Datamax Technical Support will determine if this procedure is necessary.

# 5

# *Maintenance and Troubleshooting*

## **5.0 Introduction**

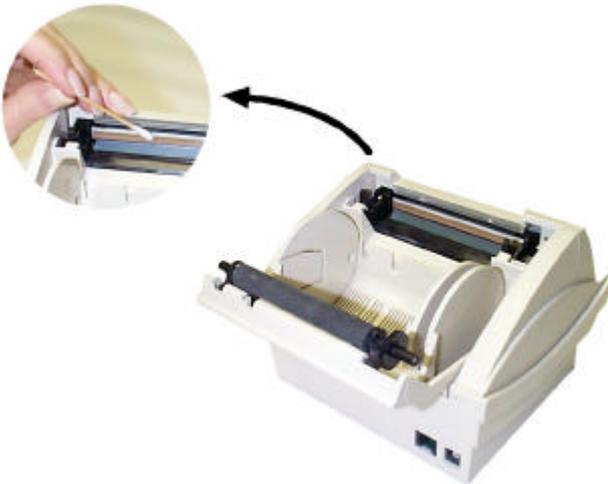
---

This chapter covers the cleaning recommendations as well as some printer troubleshooting. Periodic maintenance will guarantee continued optimum printer performance.

## **5.1 Cleaning**

---

- Turn the printer OFF
- Regularly clean the printer case with a damp cloth
- Do not use liquid cleaners or aerosol cleaners
- Clean the printhead once a month using a cotton swab dampened with isopropyl alcohol.



## 5.2 Trouble Shooting

Problems are sometimes caused by simple "faults" which can easily be corrected without the help of a service technician. Listed below are common problems and their resolutions.

Problem/Symptom	Resolution
<b>HARDWARE</b>	
Lights do not come on	Make sure that the power cable is properly inserted into the back of the E-3202. Also make sure that the opposite end of the power supply cable is connected to an appropriate AC power source.
Lights are both on, but the printer does not print.	Make sure that the data cable is properly connected between the E-3202 and the host computer.
Paper guide will not move.	Make sure that you are trying to move the adjustable paper guide and <u>not</u> one of the fixed paper guides. The E-3202 ships with the adjustable paper guide in the far left-hand storage position inside the paper bay. The other two paper guides are glued into position. 

Problem/Symptom	Resolution
<b>HARDWARE (Cont.)</b>	
<p>Paper bay door will not close.</p>	<p>It is possible that your roll of paper or labels is too large. Unwrap enough of the media to enable the paper bay door to close.</p> <p>It is also possible that one or both of the platen clips has closed. Use your thumb to open the platen clips and then try closing the paper bay door.</p> 
<p>The printer makes a grinding sound and produces distorted or condensed print.</p>	<p>Unplug the printer's power cable. Open the paper bay door. Remove the roll of print media and make sure that the roll is tight with no loose coils of media. Replace the media and close the bay door. Power on the printer and try again. If the problem continues contact Technical Support.</p>
<p>The printout looks spotted or dirty.</p>	<p>Clean the printhead as described in the maintenance section of this manual.</p>

Problem/Symptom	Resolution
<b>SOFTWARE</b>	
The printout includes linear gaps between lines of print.	Disable the AUTO LF and AUTO FF in the E-3202 configuration.
The printer will not print.	<p>Make sure that you have configured your printer correctly. Verify the following settings:</p> <ul style="list-style-type: none"> <li>• Select an emulation that will accommodate your PC's software (ESC/POS® or Epson 24 pin).</li> <li>• Make sure that your printer's COM port settings match those of your PC.</li> <li>• Make sure that you have correctly selected PAPER or LABELS.</li> <li>• Make sure that you have a roll of print media properly loaded in the printer.</li> </ul>
The printer produces garbage characters when it prints.	Make sure that you have selected the correct emulation. Also make sure that your printer's COM port settings match those of your PC.
The label generation software does not feed all the way to the end of the label after the label is printed.	<p>Make sure that your label size is defined correctly.</p> <p>Also, if you are using label generation software with continuous thermal paper in the printer, make sure that you define your page size correctly in the printer driver (under PAPER, CUSTOM, USER DEFINED SIZE).</p>

## 5.3 Transportation and Storage

---

Before transporting or storing your printer, please follow the following steps:

1. Turn the printer OFF
2. Unplug all attached cables
3. Place the printer in its original box
4. If you plan to use the printer in a foreign country, before plugging your printer to the local power supply, verify that your AC adapter is compatible with the local standards.





# Specifications

## 6.0 Printing

---

ITEM	SPECIFICATION
Printing technology	Direct thermal, fixed head
Resolution	203 DPI 8 dots/mm
Printing Mode	Text or graphics
Printing width	3.35" (85mm)
Printing speed	up to 2"/s (50mm/s)
Character size (H. x V.)	9 x 24 ; 12 x 24 ; 16 x 24
Maximum number of characters per line	80 mm /640 dots
	9x24 71
	12x24 53
	16x24 40
Resident characters sets (for each characters size)	IBM® 437, 850, 852, 857, 860, 861, 862, 863,858
Emulation	ESC POS®, WINDOWS® EPSON compatible 24 pin
Print data buffer	SRAM 256 KB Flash 512 KB
Paper out and label detection	Optoelectronic sensor

## 6.1 Media

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ITEM	SPECIFICATION
Media type	Direct thermal paper and direct thermal labels
Maximum media width	3.35" (85mm)
Roll dimensions	2.36" (60mm) maximum diameter

## 6.2 User Interface

---

ITEM	SPECIFICATION
Power supply connector (rear)	Jack type male socket
Communication connector (rear)	RJ12 socket
Red LED (upper side)	« ON / OFF » and error
Green LED (upper side)	« ON/OFF LINE », Menu, idle mode
Left hand push button (upper side)	« ON/OFF », « ON LINE », « YES » functions
Right hand push button (upper side)	Line and form feed « LF/FF » and « NO » function
Parameter settings (printout menu)	Push button entry (with a simultaneous push on both buttons)

## 6.3 Communications

---

ITEM	SPECIFICATION
Communication type	RS232C
Parameter settings (configuration mode)	Printout menu
Baud rate	1200 to 115200 baud (step by step)
Data format	7 or 8 bits data bits With or w/o parity bit (odd or even) 1 Start bit 1 Stop (free)
Data exchange control	Xon / Xoff or DTR/RTS (active at 0 or 1 level)

## 6.4 Electrical Characteristics

---

ITEM	SPECIFICATION
Printer supply voltage	16 VAC @ 2.2 A
Power consumption	<50 W printing mode <1 W idle mode (automatic)
AC/DC adapter	In 16 VAC @ 2.2A 230Vac / 50Hz (CE plug) 230Vac / 50Hz (GB plug) 120Vac / 60Hz (US plug)

## 6.5 Mechanical

---

ITEM	SPECIFICATION
Material housing	Plastic
Color of Case	Eggshell White
Color of Pushbuttons	Blue
Weight of printer	1.43 lbs. (650 g)
Weight of AC/DC adapter	1.98 lbs. (900 g)

## 6.6 Operation

---

ITEM	SPECIFICATION
Approvals and Safety	CE ; EN55022/B ; EN55024 ; EN60950 ; FCC15 ; UL1950 (US/C)
Storage conditions (w/o paper)	-4 to +140°F / RH = 5 to 90% -20 to +60°C / RH = 5 to 90%
Operating conditions	32 to +122°F / RH = 5 to 85% 0 to +50°C / RH = 5 to 85%

## 6.7 List of Accessories

---

ITEM	SPECIFICATION
AC/DC adapter	230V CE plug / 2,3 A @ 16 VAC 230V GB plug / 2,3 A @ 16 VAC 120V US plug / 2,2 A @ 16 VAC
Communication cable	RS232C ( DB9S ↔ RJ12 ; 2m)

## 6.8 Options

---

Contact your dealer for availability:

Part #	Description
32-2436-01	RS-232 Data Cable
32-2472-01	E-3202/Palm III Data Cable
32-2472-02	E-3202/Palm V Data Cable
32-2472-03	E-3202/Symbol SPT1700 Data Cable
88-2257-01	Programmer's Manual, (available at our website: <a href="http://www.datamaxcorp.com">www.datamaxcorp.com</a> ).
78-2343-01	Accessories CD





# Appendix A

## Character Sets and Barcodes

### Character sets

The following character sets are available:

Table 437

2 <sup>A</sup> ↓B	0-	1-	2-	3-	4-	5-	6-	7-	8-	9-	A-	B-	C-	D-	E-	F-
-0		▶		0	@	P	'	p	Ç	É	á	▤	┘	⊥	α	≡
-1	☺	◀	!	1	A	Q	a	q	ü	æ	í	▥	┘	⊥	β	±
-2	☹	↕	"	2	B	R	b	r	é	Æ	ó	▧	┘	⊥	Γ	≥
-3	♥	!!	#	3	C	S	c	s	â	ô	ú	┘	┘	⊥	π	≤
-4	♦	¶	\$	4	D	T	d	t	ä	ö	ñ	┘	┘	⊥	Σ	f
-5	♣	§	%	5	E	U	e	u	à	ò	Ñ	⊥	⊥	⊥	σ	J
-6	♠	—	&	6	F	V	f	v	â	û	ª	⊥	⊥	⊥	μ	÷
-7	•	↕	'	7	G	W	g	w	ç	ù	º	┘	┘	┘	τ	≈
-8	■	↑	(	8	H	X	h	x	ê	ÿ	¿	┘	┘	⊥	Φ	°
-9	○	↓	)	9	I	Y	i	y	ë	Ö	⌈	⊥	⊥	┘	⊙	•
-A	◼	→	*	:	J	Z	j	z	è	Ü	⌈	⊥	⊥	┘	Ω	•
-B	♂	←	+	;	K	[	k	{	ï	ø	½	┘	⊥	▀	δ	√
-C	♀	┘	,	<	L	\	l		î	£	¼	┘	⊥	▀	∞	ⁿ
-D	🎵	↔	-	=	M	]	m	}	ì	¥	¡	┘	⊥	▀	∅	²
-E	🎵	▲	.	>	N	^	n	~	Ä	Pt	«	⊥	⊥	▀	ε	■
-F	☀	▼	/	?	O	_	o	△	Å	f	»	┘	⊥	▀	∩	

Table 850

2 <sup>^</sup> ↓B	0-	1-	2-	3-	4-	5-	6-	7-	8-	9-	A-	B-	C-	D-	E-	F-
-0	▶		0	@	P	'	p	Ç	É	á	⋮	┌	ø	ó	.	
-1	☺	◀	!	1	A	Q	a	q	ü	æ	í	⋮	└	Ð	β	±
-2	☹	↕	"	2	B	R	b	r	é	Æ	ó	⋮	└	Ê	Ô	=
-3	♥	!!	#	3	C	S	c	s	â	ô	ú		└	Ë	Ò	¼
-4	♦	¶	\$	4	D	T	d	t	ä	ö	ñ	└	—	È	ø	¶
-5	♣	§	%	5	E	U	e	u	à	ò	Ñ	Á	+	¹	Ö	§
-6	♠	—	&	6	F	V	f	v	â	û	ª	Â	ã	Í	μ	÷
-7	•	↕	'	7	G	W	g	w	ç	ù	º	À	Ã	Î	þ	.
-8	■	↑	(	8	H	X	h	x	ê	ÿ	ı	©	┌	Ï	Ð	°
-9	○	↓	)	9	I	Y	i	y	ë	ÿ	®	≡	≡	└	Ú	¨
-A	◉	→	*	:	J	Z	j	z	è	Ü	∟		≡	└	Û	•
-B	♂	←	+	;	K	[	k	{	ï	ø	½	└	≡	■	Ù	¹
-C	♀	└	,	<	L	\	l		î	£	¼	≡	≡	■	ÿ	³
-D	♪	↔	-	=	M	]	m	}	ì	Ø	ı	¢	≡	ı	Ý	²
-E	♫	▲	.	>	N	^	n	~	Ä	X	«	¥	≡	ı	'	■
-F	☼	▼	/	?	O	_	o	△	Å	f	»	└	¤	■	'	

Table 852

2 <sup>A</sup> <sub>B</sub>	0-	1-	2-	3-	4-	5-	6-	7-	8-	9-	A-	B-	C-	D-	E-	F-
-0		▶		0	@	P	`	p	Ç	É	á	⋮	┌	đ	Ó	-
-1	☺	◀	!	1	A	Q	a	q	ü	Í	í	⋮	└	Đ	β	~
-2	☹	↕	"	2	B	R	b	r	é	Í	ó	⋮	┌	Đ	Ô	ˆ
-3	♥	!!	#	3	C	S	c	s	â	ô	ú		└	È	Ñ	ˆ
-4	♦	¶	\$	4	D	T	d	t	ä	ö	À	└	—	đ	ñ	ˆ
-5	♣	§	%	5	E	U	e	u	û	Ĺ	ą	Á	+	Ñ	ñ	§
-6	♠	—	&	6	F	V	f	v	ć	ĩ	ž	Â	Ā	Í	Š	÷
-7	•	↕	'	7	G	W	g	w	ç	Š	ž	Ě	ă	Î	š	ˆ
-8	■	↑	(	8	H	X	h	x	ı	ś	Ę	Ś	┌	ě	Ř	ˆ
-9	○	↓	)	9	I	Y	i	y	ë	Ö	ę	┌	┌	└	Ú	ˆ
-A	☉	→	*	:	J	Z	j	z	Õ	Ü	┐		┌	┌	ı	•
-B	♂	←	+	;	K	[	k	{	õ	Ť	ž	┌	┌	■	Ů	ů
-C	♀	└	,	<	L	\	l		ı	ť	č	┌	┌	■	ý	Ř
-D	♪	↔	-	=	M	]	m	}	Ž	Ł	ş	Ž	—	Ť	Ÿ	ř
-E	♫	▲	.	>	N	^	n	~	Ă	X	«	ž	┌	Ů	ţ	■
-F	☼	▼	/	?	O	_	o	△	Ĉ	č	»	└	⊘	■	'	

Table 857

2 <sup>A</sup> ↓B	0-	1-	2-	3-	4-	5-	6-	7-	8-	9-	A-	B-	C-	D-	E-	F-
-0		▶		0	@	P	`	p	Ç	É	á	⋮	┌	°	Ó	-
-1	☺	◀	!	1	A	Q	a	q	ü	æ	í	⋮	└	ª	β	±
-2	☹	↕	"	2	B	R	b	r	é	Æ	ó	⋮	┘	Ê	Ô	
-3	♥	!!	#	3	C	S	c	s	â	ô	ú		┘	Ë	Ò	¼
-4	♦	¶	\$	4	D	T	d	t	ä	ö	ñ	┘	—	È	ö	¶
-5	♣	§	%	5	E	U	e	u	à	ò	Ñ	Á	+		Õ	§
-6	♠	—	&	6	F	V	f	v	â	û	Ğ	Â	ã	í	μ	÷
-7	•	↕	'	7	G	W	g	w	ç	ù	ğ	À	Ã	î		¸
-8	■	↑	(	8	H	X	h	x	ê	ï	ì	©	┌	ÿ	×	°
-9	○	↓	)	9	I	Y	i	y	ë	ÿ	®	≡	┘	Ú	¨	
-A	●	→	*	:	J	Z	j	z	è	Û	⌈		≡	┘	Û	•
-B	♂	←	+	;	K	[	k	{	ï	ø	½	⌈	⌈	■	Ü	¹
-C	♀	└	,	<	L	\	l		î	£	¼	⌈	⌈	■	ı	³
-D	♪	↔	-	=	M	]	m	}	ı	Ø	ı	¢	≡	ı	ÿ	²
-E	🎵	▲	.	>	N	^	n	~	Ä	§	«	¥	⌈	ı	—	■
-F	☀	▼	/	?	O	_	o	△	Å	§	»	⌈	⊠	■	'	

Table 860

2 <sup>A</sup> ↓B	0-	1-	2-	3-	4-	5-	6-	7-	8-	9-	A-	B-	C-	D-	E-	F-
-0	▶		0	@	P	'	p	Ç	Ê	á	⋮	⊥	⊥	α	≡	
-1	☺	◀	!	1	A	Q	a	q	ü	À	í	⋮	⊥	≡	β	±
-2	☹	↕	"	2	B	R	b	r	é	È	ó	⋮	⊥	⊥	Γ	≥
-3	♥	!!	#	3	C	S	c	s	â	ô	ú		⊥	⊥	π	≤
-4	♦	¶	\$	4	D	T	d	t	ã	õ	ñ	⊥	—	≡	Σ	f
-5	♣	§	%	5	E	U	e	u	â	ò	Ñ	≡	+	≡	σ	J
-6	♠	—	&	6	F	V	f	v	Á	Ú	ª	⊥	⊥	⊥	μ	÷
-7	•	↕	'	7	G	W	g	w	ç	ù	º	⊥	⊥	⊥	τ	≈
-8	■	↑	(	8	H	X	h	x	ê	Î	¿	≡	⊥	≡	Φ	°
-9	○	↓	)	9	I	Y	i	y	Ê	Õ	Ò	≡	⊥	⊥	⊕	•
-A	●	→	*	:	J	Z	j	z	è	Ü	⌈	⊥	≡	⊥	Ω	•
-B	♂	←	+	;	K	[	k	{	Í	¢	½	⊥	⊥	■	δ	√
-C	♀	⊥	,	<	L	\	l		Ô	£	¼	⊥	⊥	■	∞	ª
-D	♪	↔	-	=	M	]	m	}	ì	Ù	¡	⊥	≡	■	∅	²
-E	🎵	▲	.	>	N	^	n	~	Ã	Pt	«	≡	⊥	⊥	ε	■
-F	⚙	▼	/	?	O	_	o	△	Â	Ó	»	⊥	≡	■	∩	

Table 861

2 <sup>A</sup> ↓B	0-	1-	2-	3-	4-	5-	6-	7-	8-	9-	A-	B-	C-	D-	E-	F-
-0	▶		0	@	P	'	p	Ç	É	á	▤	⊥	⊥	α	=	
-1	☺	◀	!	1	A	Q	a	q	ü	æ	í	▤	⊥	β	±	
-2	☹	↕	"	2	B	R	b	r	é	Æ	ó	▤	⊥	π	γ	≥
-3	♥	!!	#	3	C	S	c	s	â	ô	ú		⊥	⊥	π	≤
-4	♦	¶	\$	4	D	T	d	t	ä	ö	Á	⊥	—	⊥	Σ	/
-5	♣	§	%	5	E	U	e	u	à	þ	Í	⊥	+	⊥	σ	/
-6	♠	—	&	6	F	V	f	v	å	û	Ó	⊥	⊥	⊥	μ	÷
-7	•	↕	'	7	G	W	g	w	ç	Ý	Ú	⊥	⊥	⊥	τ	≈
-8	■	↑	(	8	H	X	h	x	ê	ý	í	⊥	⊥	⊥	Φ	°
-9	○	↓	)	9	I	Y	i	y	ë	Ö	⊥	⊥	⊥	⊥	⊙	•
-A	☉	→	*	:	J	Z	j	z	è	Û	⊥		⊥	⊥	Ω	•
-B	♂	←	+	;	K	[	k	{	ð	ø	½	⊥	⊥	■	δ	√
-C	♀	⊥	,	<	L	\	l		ø	£	¼	⊥	⊥	■	∞	"
-D	♪	↔	-	=	M	]	m	}	þ	Ø	í	⊥	⊥	■	φ	2
-E	🎵	▲	.	>	N	^	n	~	Ä	Pts	«	⊥	⊥	■	ε	■
-F	☼	▼	/	?	O	_	o	△	Å	f	»	⊥	⊥	■	η	

Table 863

2 <sup>A</sup> ↓ B	0-	1-	2-	3-	4-	5-	6-	7-	8-	9-	A-	B-	C-	D-	E-	F-
-0		▶		0	@	P	`	p	Ç	É	ı	⋮	┌	≡	α	≡
-1	☺	◀	!	1	A	Q	a	q	ü	È	'	⋮	┐	≡	β	±
-2	☹	↕	"	2	B	R	b	r	é	Ê	ó	⋮	└	≡	Γ	≥
-3	♥	!!	#	3	C	S	c	s	â	ô	ú		┐	≡	π	≤
-4	♦	¶	\$	4	D	T	d	t	Â	Ë	˘	┐	—	≡	Σ	f
-5	♣	§	%	5	E	U	e	u	à	Ï	.	≡	+	≡	σ	J
-6	♠	—	&	6	F	V	f	v	¶	û	<sup>3</sup>	┐	≡	≡	μ	÷
-7	•	↕	'	7	G	W	g	w	ç	ù	-	┐	≡	≡	τ	≈
-8	■	↑	(	8	H	X	h	x	ê	Ɔ	ı	≡	≡	≡	Φ	°
-9	○	↓	)	9	I	Y	i	y	ë	Ô	┐	≡	≡	┐	Θ	•
-A	☉	→	*	:	J	Z	j	z	è	Û	┐	≡	≡	┐	Ω	•
-B	♂	←	+	;	K	[	k	{	ï	ø	½	≡	≡	■	δ	√
-C	♀	└	,	<	L	\	l		î	£	¼	≡	≡	■	∞	°
-D	♪	↔	-	=	M	]	m	}	=	Û	¾	≡	≡	■	∅	²
-E	♫	▲	.	>	N	^	n	~	À	Ò	«	≡	≡	■	ε	■
-F	☼	▼	/	?	O	_	o	△	§	f	»	┐	≡	■	∩	

# ASCII Control Code Chart

	Char	Dec	Hex									
Ctrl @	NUL	0	00		32	20	@	64	40	`	96	60
Ctrl A	SOH	1	01	!	33	21	A	65	41	a	97	61
Ctrl B	STX	2	02	“	34	22	B	66	42	b	98	62
Ctrl C	EXT	3	03	#	35	23	C	67	43	c	99	63
Ctrl D	EOT	4	04	\$	36	24	D	68	44	d	100	64
Ctrl E	ENQ	5	05	%	37	25	E	69	45	e	101	65
Ctrl F	ACK	6	06	&	38	26	F	70	46	f	102	66
Ctrl G	BEL	7	07	‘	39	27	G	71	47	g	103	67
Ctrl H	BS	8	08	(	40	28	H	72	48	h	104	68
Ctrl I	HT	9	09	)	41	29	I	73	49	i	105	69
Ctrl J	LF	10	0A	*	42	2A	J	74	4A	j	106	6A
Ctrl K	VT	11	0B	+	43	2B	K	75	4B	k	107	6B
Ctrl L	FF	12	0C	,	44	2C	L	76	4C	l	108	6C
Ctrl M	CR	13	0D	-	45	2D	M	77	4D	m	109	6D
Ctrl N	SO	14	0E	.	46	2E	N	78	4E	n	110	6E
Ctrl O	SI	15	0F	/	47	2F	O	79	4F	o	111	6F
Ctrl P	DLE	16	10	0	48	30	P	80	50	p	112	70
Ctrl Q	DC1	17	11	1	49	31	Q	81	51	q	113	71
Ctrl R	DC2	18	12	2	50	32	R	82	52	r	114	72
Ctrl S	DC3	19	13	3	51	33	S	83	53	s	115	73
Ctrl T	DC4	20	14	4	52	34	T	84	54	t	116	74
Ctrl U	NAK	21	15	5	53	35	U	85	55	u	117	75
Ctrl V	SYN	22	16	6	54	36	V	86	56	v	118	76
Ctrl W	ETB	23	17	7	55	37	W	87	57	w	119	77
Ctrl X	CAN	24	18	8	56	38	X	88	58	x	120	78
Ctrl Y	EM	25	19	9	57	39	Y	89	59	y	121	79
Ctrl Z	SUB	26	1A	:	58	3A	Z	90	5A	z	122	7A
Ctrl [	Esc	27	1B	;	59	3B	[	91	5B	{	123	7B
Ctrl \	FS	28	1C	<	60	3C	\	92	5C		124	7C
Ctrl ]	GS	29	1D	=	61	3D	]	93	5D	}	125	7D
Ctrl ^	RS	30	1E	>	62	3E	^	94	5E	~	126	7E
Ctrl _	US	31	1F	?	63	3F	_	95	5F		127	7F

Char	Dec	Hex									
Ç	128	80	á	160	A0		192	C0	Ó	224	E0
ü	129	81	í	161	A1		193	C1	ß	225	E1
é	130	82	ó	162	A2		194	C2	Û	226	E2
â	131	83	ú	163	A3		195	C3	Ò	227	E3
ä	132	84	ñ	164	A4		196	C4	õ	228	E4
à	133	85	Ñ	165	A5		197	C5	Õ	229	E5
ã	134	86	a	166	A6	ã	198	C6	μ	230	E6
ç	135	87	°	167	A7	Ã	199	C7	ρ	231	E7
ê	136	88	¿	168	A8		200	C8	ρ	232	E8
è	137	89	®	169	A9		201	C9	Ú	233	E9
è	138	8A		170	AA		202	CA	Û	234	EA
ï	139	8B	1/2	171	AB		203	CB	Û	235	EB
î	140	8C	1/4	172	AC		204	CC	ÿ	236	EC
ì	141	8D	¡	173	AD		205	CD	˘Y	237	ED
Ä	142	8E		174	AE		206	CE		238	EE
Å	143	8F	–	175	AF		207	CF		239	EF
É	144	90		176	B0	Ò	208	D0		240	F0
Æ	145	91		177	B1	D	209	D1	±	241	F1
Æ	146	92	2	178	B2	Ë	210	D2		242	F2
ô	147	93	3	179	B3	Ë	211	D3	3/4	243	F3
ö	148	94	´	180	B4	Ë	212	D4		244	F4
ò	149	95	Á	181	B5		213	D5		245	F5
û	150	96	Â	182	B6	Í	214	D6	÷	246	F6
ù	151	97	À	183	B7	Î	215	D7		247	F7
ÿ	152	98	©	184	B8	Ï	216	D8	°	248	F8
Ö	153	99	1	185	B9		217	D9	¨	249	F9
Û	154	9A		186	BA		218	DA	·	250	FA
Ø	155	9B	»	187	BB		219	DB		251	FB
£	156	9C		188	BC		220	DC		252	FC
Ø	157	9D	¢	189	BD		221	DD		253	FD
x	158	9E	¥	190	BE	Ï	222	DE		254	FE
f	159	9F		191	BF		223	DF	€	255	FF

## Barcodes

The printer supports the following barcode symbologies :

### Standard barcodes

- **UPC-A (+2, +5)**
- **UPC-E (+2 +5)**
- **EAN8 (+2 +5)**
- **EAN13 (+2 +5)**
- **Code39 (with/without CS)**
- **ITF (with/without CS)**
- **Code 2/5**
- **Code 93**
- **CODABAR**
- **Code 128 (A, B, C, Autoswitching)**
- **Code 128 EAN**
- **Postnet (5, 6, 8, 9, 11)**
- **EAN 128**

### 2D barcodes

- **PDF 417**
- **MaxiCode**

These barcodes are "native" , which improves the print speed. But as the printer is able to print any bitmap image. Other barcodes printed by the printer will be considered as images.



# Appendix B

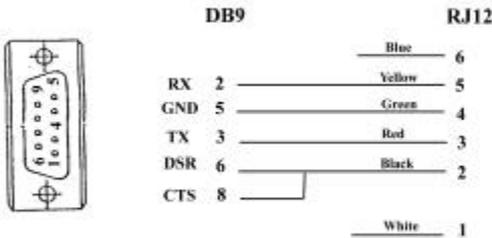
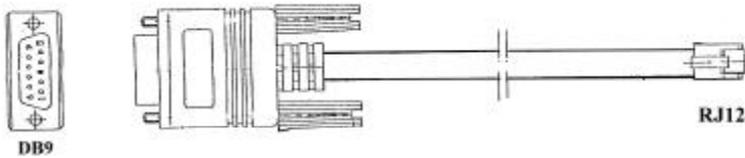
## Printer cable Pin assignment

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Cable part number : 32-2436-01

TO TERMINAL

TO PRINTER







# Appendix C

## Opening Methods and Warnings

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There are several different ways to open the E-3202 depending on the size of the operator's hand.



Option #1. Grasp the E-3202 in the palms of both hands. Using your thumbs against the front edge of the E-3202 paper bay door, push up to open the door.



Option #2. Hold the base of the E-3202 in one hand. Using the other hand, place your thumb against the back of the paper bay door. Using your fingers on the front edge of the paper bay door, pull the door open.

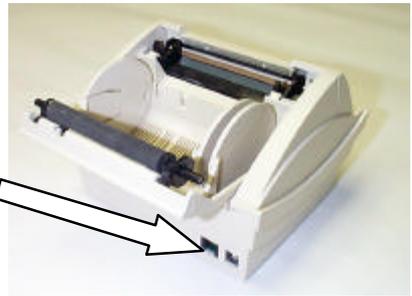


Option #3. Hold the base of the E-3202 in one hand. Using the other hand, place your fingers against the back of the paper bay door. Using your thumb on the front edge of the paper bay door, pull the door open.

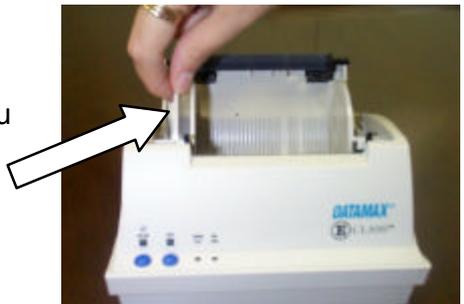
## Warnings

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DO NOT connect this printer to any type of telephone line or telephone equipment.



DO NOT discard the adjustable media guide. You will need it when using different width media. It is found in the far left-hand position.





# *Appendix D*

## **Datamax Barcode Products Limited Warranty Statement**

### **E-2302 Printer**

#### **Printer**

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Datamax warrants to Purchaser that under normal use and service, the E-3202, (with the exception of the thermal printhead) purchased hereunder shall be free from defects in material and workmanship for a period of (365) days from the date of shipment by Datamax.

Expendable and/or consumable items or parts such as lamps, fuses, labels and paper are not covered under this warranty. This warranty does not cover equipment or parts which have been misused, altered, neglected, handled carelessly, or used for purposes other than those for which they were manufactured. This warranty also does not cover loss, damages resulting from accident, or damages resulting from unauthorized service.

## **Thermal Printhead**

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This warranty is limited to a period of one year, (365 days), or 1,000,000 linear inches of use, whichever comes first, for the E-3202 thermal printhead. This one year (365 days) warranty is valid only if a Datamax - approved thermal media is used, as defined in the then current Datamax list of approved thermal/thermal transfer media, a copy of which is available from Datamax. Failure to use Datamax-approved media is justification for invalidation of this thermal printhead warranty. This warranty does not cover printheads which have been misused, altered, neglected, handled carelessly, or damaged due to improper cleaning or unauthorized repairs.

## **Warranty Service Procedures**

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If a defect should occur during the warranty period, the defective unit shall be returned, freight and insurance prepaid, in the original shipping containers, to Datamax at: 4724 Parkway Commerce Blvd., Orlando, Florida, 32808. A Return Material Authorization (RMA) number must be issued before the product can be returned. To open an RMA please call the Datamax Customer Service Department at (407) 523-5550. Please include your RMA number on the outside of the box and on the shipping document. Include a contact name, action desired, a detailed description of the problem(s), and examples when possible with the defective unit. Datamax shall not be responsible for any loss or damages incurred in shipping. Any warranty work to be performed by Datamax shall be subject to Datamax's confirmation that such product meets Datamax warranty. In the event of a defect covered by its warranty, Datamax will return the repaired or replaced product to the Purchaser at Datamax's cost.

With respect to a defect in hardware covered by the warranty, the warranty shall continue in effect until the end of the original warranty period, or for sixty (60) days after the repair or replacement, whichever is later.

# General Warranty Provisions

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Datamax makes no warranty as to the design, capability, capacity or suitability of any of its hardware, supplies, or software.

Software is licensed on an “as is” basis without warranty. Except and to the extent expressly provided in this warranty and in lieu of all other warranties, there are no warranties, expressed or implied, including, but not limited to, any warranties of merchantability or fitness for a particular purpose.

Purchaser shall be solely responsible for the selection, use, efficiency and suitability of Datamax’s products.

## Limitation of Liability

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In no event shall Datamax be liable to the purchaser for any indirect, special or consequential damages or lost profits arising out of or relating to Datamax’s products, or the performance or a breach thereof, even if Datamax has been advised of the possibility thereof. Datamax’s liability, if any, to the purchaser or to the customer of the purchaser hereunder shall in no event exceed the total amounts paid to Datamax hereunder by the purchaser for a defective product.

In no event shall Datamax be liable to the purchaser for any damages resulting from or related to any failure or delay of Datamax in the delivery or installation of the computer hardware, supplies or software or in the performance of any services.

Some states do not permit the exclusion of incidental or consequential damages, and in those states the foregoing limitations may not apply. The warranties here give you specific legal rights, and you may have other legal rights which vary from state to state.

